Classes,Objects, and Methods

Hello!

What this powerpoint will have:

- Thoroughly introduce classes and constructors
    - Classes described with real-life terminology
    - Why classes are more efficient than one-class code.
    - What is a constructor? What happens if there is no constructor explicitly written?
- Explain what objects do within a class
- Introduce the API
- Imports
- Methods→ simple methods that accomplish simple tasks
- Show and explain robot methods to recruits but don't have them write it just yet. Just understand.
- Homework(mandatory):
    - Have them program a calculator maybe????????????????????? possibly?????????

What are methods?

- Methods are lists of instructions, tell a robot to complete a list of actions.
- Instead of a long, repetitive list of changes to the positioning of the robot, we control what we want the robot to do.
  - From "compress air, move arm up, aim, push out piston," to just "shoot"!